Nov 10, 2021

Stanford University
450 Jane Stanford Way
Stanford, CA 94305–2004

MIT

Dear Faculty Search Committee,

I am writing to apply for the position of Assistant Professor of Data Science at Stanford University.

I am currently a postdoctoral researcher with Prof. Tamara Broderick at the Massachusetts Institute of Technology's Laboratory for Information and Decision Systems, where I study the robustness of frequentist and Bayesian statistical procedures, both theoretically and with applications including single-cell RNA sequencing analysis, development economics, and a MURI-grant funded study of ocean dynamics. I received my PhD in statistics from the University of California at Berkeley under the supervision of Prof. Michael Jordan, Prof. Jon McAuliffe, and Prof. Tamara Broderick. Additionally, I have earned an MSc with distinction in econometrics from the London School of Economics and BS degrees in mathematics and engineering mechanics with honors from the University of Illinois at Urbana–Champaign. My work history includes four years as an engineer at Google and two years as a Peace Corps volunteer in Kazakhstan.

The collaborative data science program at Stanford offers a particularly exciting opportunity for me to continue my work of extracting information from complex data in service of real-world problems. By working with domain experts in astrometry, development economics, genomics, oceanography, and more, my research has repeatedly derived generally applicable statistical tools in the context of specific, collaborative scientific problems. Furthermore, my engineering undergraduate degree, econometrics masters degree, and years of industry experience offer a distinctively diverse background for collaborative intellectual environments. The opportunity to continue this work side-by-side with some of the world's greatest scientists is exciting indeed.

I appreciate your consideration. Sincerely,

Dr. Ryan J. Giordano

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1